#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		thought desirable to use a frame-mounted, gang-type, single-blade rotary deck mower with each deck having a rear roller extending substantially all the way across the deck."	
		Amendment of May 3, 1999 at 6: "Moreover, the fact that Mountfield teaches a rear roller extending substantially all the way across the deck on a single-deck walk-behind mower does not make it obvious to use such a rear roller on a frame-mounted, gang-type, rotary deck mower as claimed by Applicant."	
		Office Action of June 4, 1999 at 3: "Both the Mountfield brochure and Cracraft teach that it is well known to provide a rotary mower with a rear mounted support roller device and Mountfield specifically teaches to provide such a roller having a length as to exist substantially across the width of the cutting deck."	
		Amendment of Nov. 4, 1999 at 1.	
		"Claim 1 specifies a gang-type rotary lawn mower comprisinga rear roller supporting the deck for movement over the ground, the deck having a width such that the roller extends across substantially the entire width of the deck."	
7.	"Lifting arm"	Proposed Construction	Proposed Construction
	'530 Patent: claim 3 '311 Patent: claims 3 and 11	The words in this phrase use their ordinary and accustomed meaning and require no construction by the Court. However, if the Court determines that they do require construction, "lifting arm" means: <u>an</u>	A generally L-shaped, horizontally-extending device having inner and outer ends operable to lift the deck assembly relative to the frame, the inner end pivotally connected to the frame, the outer end pivotally

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#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
	'312 Patent:	arm that is operable to lift a cutting deck assembly.	connected to the deck assembly for pivotal movement
	claims 14 and 19		about a generally vertical axis and about a generally
		This limitation does not recite, and therefore does not	horizontal axis extending in the forward-rearward
		require: a generally L-shaped arm; a horizontally-	direction.
		extending arm; an arm having an inner end pivotally	
		connected to the frame; an arm having an outer end	Intrinsic Evidence
		pivotally connected to the deck assembly; an arm that	
		provides pivotal movement about a generally vertical	Specifications:
-		axis; an arm that provides pivotal movement about a	
		generally horizontal axis extending in the forward-	Summary of the Invention:
		rearward direction; or any other unrecited limitations.	
			"The invention also provides an improved
		THU HISTO EVICENCE	arrangement for mounting a rotary cutting deck on a
		Patent Specifications:	lawn mower frame. Each deck is mounted on its own
			lifting arm so that the deck can move vertically
		'530 Patent col. 1, 11. 34-37: "Each deck is mounted	relative to the frame and can pivot relative to the frame about three mutually perpendicular axes." Col.
		on its Own mitting and so that the deep private relative	1:31-37.
		to the frame about three mutually nemendicular	
		axes."	"Each deck assembly is connected to the frame by a
			generally L-shaped, horizontally-extending lifting
		'530 Patent col. 1, II. 57-62: "Each deck assembly is	arm operable to lift the deck assembly relative to the
		connected to the frame by a generally L-shaped,	frame. Each deck assembly is connected to the frame
		horizontally-extending lifting arm operable to lift the	by its own lifting arm. Each lifting arm has an inner
		deck assembly relative to the frame. Each deck	end pivotally connected to the frame. A cross
		assembly is connected to the frame by its own lifting	member is mounted on the outer end of the lifting
		arm. Each lifting arm has an inner end pivotally	arm for pivotal movement about a generally vertical
		connected to the frame."	axis and about a generally horizontal axis extending
			In the forward-rearward direction. One end of the
		'530 Patent col. 3, 1. 66 - col. 4, 1. 7: "Each of the	cross member is connected to one of the deck
		deck assemblies 34 is mounted on the frame 12 by a	assembly side plates for pivotal movement about a
		generally L-shaped, horizontally-extending lifting	generally horizontal, laterally-extending axis adjacent
		arm 112, such that each deck assembly is mounted on	the forward ends of the side plates, and the other end
		its own lifting arm 112. The lifting arm 112 has (see	of the cross member is connected to the other side
		FIGS. 2 and 3) a laterally-extending inner leg 116	plate for pivotal movement about the same axis."

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		with an inner end connected to the frame 12 for	Col. 1:57 – Col. 2:3.
		pivotal movement about a generally horizontal axis	
		120 extending in the forward-rearward direction. The	"This construction enables the lawn mower to cut the
		arm 112 also has an outer leg 124 extending in the	undulating terrain of a golf course rough and to be
		forward-rearward direction."	controlled for close trimming." Col. 2:4-6.
		'530 Patent col. 4, II. 20-31: "A hydraulic assembly	Description of the Drawings:
		148 (partially shown only in FIG. 5) connected	•
		between the arm 112 and the frame 12 pivots the arm	Figures 1-6 are incorporated herein.
		38. When the deck is lowered for cutting, the	Description of the Preferred Embodiment:
		hydraulic assembly allows the lifting arm to "float,"	
		thereby allowing the deck 38 to move vertically	"Each of the deck assemblies 34 is mounted on the
		relative to the frame 12. The connection of the deck	frame 12 by a generally L-shaped, horizontally-
		38 to the arm 112 via the cross member 128 allows	extending lifting arm 112, such that each deck
		the deck 38 to pivot relative to the frame 12 about the	assembly is mounted on its own lifting arm 112. The
		three mutually perpendicular axes 132, 136 and 144.	lifting arm 112 has (see FIGS. 2 and 3) a laterally-
		This mounting arrangement enables the deck 38 to	extending inner leg 116 with an inner end connected
		adjust to undulating terrain, thereby substantially	to the frame 12 for pivotal movement about a
		avoiding scalping."	generally horizontal axis 120 extending in the
		- 4 03 00 11 11 11 11 10 10 11 11 11 10 00 13	forward-rearward direction. The arm 112 also has an
		.530 Patent Claim 3 (col. 5, II. 5-9): "3. A lawn	outer leg 124 extending in the forward-rearward
		mower as set forth in claim 1 wherein each deck	direction. A cross member 128 is mounted on the
		assembly is connected to the frame by a respective	outer end of the outer leg 124 for pivotal movement
		lifting arm operable to lift the associated deck	about a generally vertical axis 132 and about a
		assembly relative to the frame, such that each of the	generally horizontal axis 136 extending in the
		deck assemblies is connected by its own lifting arm	forward-rearward direction. Each of the opposite,
		to the trame."	laterally-spaced ends of the cross member 128 has
		'520 Dotant Eige 1 5. Illustrating on ambodiment of	thereon (see FIGS. 2, 3, 5 and 6) a downwardly and
		1300 I atem 1185. 1-2. Intustating an embounitein of a lifting arm (112)	slightly rearwardly extending arm 140. The lower
		1111115 at 111 (112).	end of one arm 140 is connected to the side plate 46
		312 Patent col. 5, l. 66 - col. 6, l. 7: "Each of the	for pivotal movement about a generally horizontal,
		deck assemblies includes a lifting arm 176 to	laterally-extending axis 144 adjacent the forward
		pivotally interconnect each of the deck assemblies	ends of the side plates 46 and 48. The lower end of the other arm 140 is connected to the side plate 48 for
			The state of the s

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
E	Claim Loi III	אייייייייייייייייייייייייייייייייייייי	Deschuant 3 1 10005th Court action
		with frame 12. Each lifting arm 176 includes a first	pivotal movement about the axis 144." Col. 3:66 –
		end 178 pivotally coupled to deck 160 and a second	Col. 4:19.
		end 180 pivotally coupled to frame 12. Specifically,	
		first end 178 cooperates with a pin 182 to define an	"A hydraulic assembly 148 (partially shown only in
		axis of rotation 184 extending laterally across deck	FIG. 5) connected between the arm 112 and the
		160 perpendicular to the forward-rearward direction	frame 12 pivots the arm about the axis 120 for lifting
		of travel. Pin 182 rotatably couples second end 180 to	an d lowering the deck 38. When the deck is lowered
		a bracket 186."	for cutting, the hydraulic assembly allows the lifting
			arm to "float," thereby allowing the deck 38 to move
		'312 Patent col. 6, II. 13-19; "Second end 180 of	vertically relative to the frame 12. The connection of
		lifting arm 176 includes a third pin 194 pivotally	the deck 38 to the arm 112 via the cross member 128
		interconnecting lifting arm 176 with frame 12. Pin	allows the deck 38 to pivot relative to the frame 12
		194 defines an axis 196 laterally extending across	about the three mutually perpendicular axes 132, 136
		mower 154. As earlier described with reference to	and 144. This mounting arrangement enables the
		FIG. 5, a hydraulic assembly 148 connected between	deck 38 to adjust to undulating terrain, thereby
		lifting arm 176 and frame 12 pivots the arm about	substantially avoiding scalping." Col. 4:20-31.
		axis 196 for lifting and lowering deck 160.")
			'312 Patent:
		'530 Patent Figs. 1-5, and 7-24: Illustrating	
		embodiments of lifting arms.	"Each of the deck assemblies includes a lifting arm
			176 to pivotally interconnect each of the deck
		Claim Differentiation:	assemblies with frame 12. Each lifting arm 176
		The intermediation of the same	includes a first end 178 pivotally coupled to deck 160
		Ine interpretation of the term intung arm is further	and a second end 180 pivotally coupled to frame 12.
		differentiation has referring to other along of the	Specifically, first end 178 cooperates with a pin 182
		united singular, by retenting to other claims of the	to define an axis of rotation 184 extending laterally
		parcino-in-out.	across deck 160 perpendicular to the forward-
		'530 Patent Claim 8 (col. 6, 11. 18-64); Claim 8	rearward direction of travel. Pin 182 rotatably
		recites " wherein each of the deck assemblies is	couples second end 180 to a bracket 186. Bracket 186
		connected to the frame by a respective generally L-	is in turn pivotally coupled to a pair of stantions 188
		shaped, horizontally-extending arm having a	extending from deck 160. A second pin 190 rotatably
		laterally-extending inner leg with an inner end	interconnects bracket 186 and stantions 188 for
		connected to the frame for pivotal movement about a	rotation about an axis 192 longitudinally extending in
		generally horizontal axis extending in the forward-	the forward-rearward direction of the mower 154."
		rearward direction, and the arm having an outer leg	Col. 5:65 – Col. 6:12.

rearward direction..." The separate, additional

extending in the forward-rearward direction, the outer

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		recitation of structures relating to the lifting arm demonstrates that the term "lifting arm" does not, in and of itself, include these limitations. If it did, claim 17 would be redundant.	leg having an outer end, and a cross member mounted on the outer end of the outer leg for pivotal movement about a generally vertical axis and about a generally horizontal axis extending in the forward-rearward direction, the cross member having opposite, laterally-spaced ends, one of the cross member ends being connected to one of the side plates of the associated deck assembly for pivotal movement about a generally horizontal, laterally-extending axis adjacent the forward ends of the side plates, and the other of the cross member ends being connected to the other of the side plates of the associated deck assembly for pivotal movement about the generally horizontal, laterally-extending axis." Col. 9:19-Col. 10:12.
			'311 Patent
			Claim 3 and 11 (relevant representative portions):
			"each deck assembly is connected to said frame by a respective lifting arm operable to lift the associated deck assembly relative to said frame, such that each of said deck assemblies is connected by its own lifting arm to said frame." Col. 5:18-22; Col. 6:34-38.
			'312 Patent:
			Claim 14 (relevant representative portions):
	The state of the s		"The lawn mower of claim 1 further including a lifting arm pivotally interconnecting each of said front deck assemblies to said frame, said lifting arm pivoting about an axis laterally extending across said

deck assembly substantially parallel to the ground and perpendicular to the direction of travel." Col. 9:17-22.	Claim 19 (relevant representative portions):	"a lifting arm adapted to pivotally interconnect said cutting deck assembly and the frame." Col. 10:4-5.	Prosecution History:	'530 Patent:	Paper 4, at p. 4. Paper 6, p. 12.	Proposed Construction	Thin, flat pieces of metal laterally-spaced and generally vertically-extending from the rear roller to the front wheels.	Intrinsic Evidence	Specification	Summary of the Invention:	"Each of the front and rear deck assemblies includes	a pair of laterally-spaced, generally vertically- extending side plates, front wheels supporting the side plates for movement over the ground" Col.
Plaintiff's Proposed Construction						Proposed Construction	The words in this phrase use their ordinary and accustomed meaning and require no construction by the Court. However, if the Court determines that	they do require construction, side plates means: plate-like components on each side of the deck assembly.	This limitation does not recite, and therefore does not	require, the "side plates" to be generally vertically extending from the rear roller to the front wheels, and	does not have any other unrecited limitations.	Intrinsic Evidence
# Claim Term						8. "Side plates"		claims 4 and 12 '312 Patent: claim 19				

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#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		Patent Specifications:	1:45-47.
		'530 Patent col. 1, II. 44-54: "Each of the front and rear deck assemblies includes a pair of laterally-spaced, generally vertically-extending side plates,	Detailed Description of the Preferred Embodiment:
		front wheels supporting the side plates for movement over the ground, and a rear roller extending between	"Two front wheels 50 rotate about an axle 54 (FIGS. 2 and 3) extending between the side plates 46 and 48
		the side plates and supporting the side plates for movement over the ground. Each deck assembly also	in front of the deck 38, such that each front wheel 50 supports one of the side plates 46 and 48 and the deck
		includes a single-spindle cutting deck located between the side plates and in front of the roller, the	38 for movement over the ground." Col. 3:13-18.
		deck being mounted on the side plates such that the height of the deck relative to the ground is	"A rear roller 58 extends between the side plates 46 and 48 and also supports the side plates 46 and 48
			and the deck 38 for movement over the ground." Col. 3:17-19.
		'530 Patent col 1, 1. 65 - col. 2, 1. 3: "One end of the	
		cross member is connected to one of the deck assembly side plates for pivotal movement about a	'312 Patent Specification:
		generally horizontal, laterally-extending axis adjacent	"With reference to FIGS. 9 and 10, each of the
		the forward ends of the side plates, and the other end	cutting deck assemblies 156 and 158 includes a
		or the cross member is connected to the other side plate for pivotal movement about the same axis."	single spindle mulching deck 160 defining a
		520 Datent on 2 11 8 10: "The deals 29 is London	downwald, opening space. Deck 100 is supported by a pair of laterally spaced, generally vertically
		between and supported by a pair of laterally-spaced,	extending side plates 162 and 164. Two caster wheels
		generally vertically-extending side plates 46 and 48.	extending between side plates 162 and 164, such that
		direction from one side of the lawn mower to the	each caster wheel 166 supports one of the side plates
		other, i.e., perpendicular to the forward-rearward	ground." Col. 5:56.
		direction. Two front wheels 50 rotate about an axie 54 (FIGS 2 and 3) extending between the side plates	
		46 and 48 in front of the deck 38, such that each front	"Accordingly, rollers 236 support the side plates and a deck 245 for movement over the ground " Col 7.3.
		wheel 50 supports one of the side plates 46 and 48	5.
		and the deck 38 for movement over the ground. A	
		rear roller 38 extends between the side plates 46 and	"As shown in FIG. 15, another embodiment 250 of a

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		48 and also supports the side plates 46 and 48 and the	cutting deck assembly includes a pair of rear wheels
		deck 38 for movement over the ground."	252 coupled to a pair of side plates 254 and 256,
		530 Patent col 3 11 22-44: "The deck 38 is mounted	respectively. Kear wheels 252 function to support
		on the side plates 46 and 48 such that the height of	for movement over the ground." Col. 7:13-18.
		the deck 38 relative to the ground is adjustable. In the	
		illustrated construction, the deck 38 includes spaced	"Another cutting deck embodiment 290 is depicted in
		deck plates 66 and 68 (FIGS. 3 and 5) extending	FIG. 19. Cutting deck assembly 290 includes a
		upwardly adjacent the side plates 46 and 48,	plurality of front caster wheels 292 pivotally coupled
		respectively. The upper end of each side plate 46 or	to a actuate cross member 294 interconnecting a first
		48 has thereon (see FIG. 2) generally horizontal,	side plate 296 and a second side plate 298." Col.
		inwardly-extending ears 69 and 70, with the ear 69	7:43-47.
		adjacent the front of the side plate and the ear 70	
			"Rear wheels 302 are pivotally coupled to each of the
		69 and 70 of each side plate 46 or 48 is an elongated	side plates 296 and 298. Each of the segments of
		plate member 71 having outwardly-extending ears 72	segmented rear roller assembly 304 are rotatably
		and 73 respectively secured to the ears 69 and 70 by	coupled and aligned along an axle 306." Col. 7:55-
		suitable means such as bolts or screws 74. Each side	58
		plate 46 or 48 and the corresponding plate member	
		71 has therein (see FIGS. 4 and 6) a series of holes	"FIG. 20 depicts yet another cutting deck assembly
		76. Each of the deck plates 66 and 68 has therein	308 having a stepped and segmented rear roller
		several vertically-spaced series of holes 78. Bolts 80	assembly 310. Rear roller assembly 310 includes a
		extending through holes 76 in the side plates 46 and	pair of outboard rollers 312 coupled to side plates
		48 and in the plate members 71 and through holes 78	314 and 316. Rear roller assembly 310 also includes
		in the deck plates 66 and 68 secure the deck 38 to the	an inboard set of rollers 318 positioned between side
***************		side plates 46 and 48. The height of the deck 38 is	plates 314 and 316 and rotatably mounted on a
		adjusted by changing the holes 78 in the deck plates	stepped axle shaft 320." Col. 7:59-65.
		66 and 68 and/or the holes in the side plates 46 and	
		48 and in the plate members 71 through which the	Patent Claims:
		bolts 80 extend."	
		'530 Patent col. 4. Il. 14-19: "The lower end of one	'530 Patent:
		arm 140 is connected to the side plate 46 for pivotal	Claim 4 (relevant representative portions):
		movement about a generally horizontal, laterally-	
		extending axis 144 adjacent the forward ends of the	"A lawn mower as set forth in claim 1 wherein each

"A lawn mower as set forth in claim 1 wherein each

	side plates 46 and 48. The lower end of the other arm	of the front and rear deck assemblies includes a pair
	140 is connected to the side plate 48 for pivotal	of laterally-spaced, generally vertically-extending
	movement about the axis 144."	side plates having forward ends, a first front wheel
		supporting one of the side plates for movement over
	'530 Patent Figs. 2-6: Illustrating side plates (46, 48).	the ground, and a second front wheel supporting the
	(312 Patent col 5 11 50-63: "Deck 160 is supported	other of the side plates for movement over the
	by a pair of laterally spaced, generally vertically	ground, wherein the rear roller extends between the
	extending side plates 162 and 164. Two caster wheels	suc plates and supports are suce plates for anovement
	166 are pivotally coupled to a cross-arm 168	located between the side plates and in front of the
	extending between side plates 162 and 164, such that	roller and is mounted on the side plates such that the
	each caster wheel 166 supports one of the side plates	height of the deck relative to the ground is adjustable
	162 and 164 and the deck 160 for movement over the	by changing the position of the deck relative to the
	ground. Each of the caster wheels 166 is coupled to	side plates. Col. 5:9-22.
	cross-arm 168 via a caster shaft 170. Accordingly,	*
	each of caster wheels 166 may rotate about an axle	Claim 7 (relevant representative portions):
	shaft 172 and also pivot about caster shaft 170 when	4
	the vehicle is turning. A continuous, unitary roller	"one of the cross member ends being connected to
	174 extends between side plates 162 and 164 and also	one of the side plates of the associated deck assembly
		for pivotal movement about a generally horizontal,
	movement over the ground."	laterally-extending axis adjacent the forward ends of
	(210 Betant 201 6 11 20 32: "An alternate	the side plates, and the other of the cross member
		ends being connected to the other of the side plates of
	embodiment cutter deck assembly 198 is depicted in	the associated deck assembly for pivotal movement
	FIG. 11. A segmented first folier 200 is positioned	about the generally horizontal, laterally-extending
	Denind a deck 201 laterally extending a distance less	axis, the ends of the cross member having thereon
	than the width of deck 201. Segmented foller 200	respective downwardly extending arms, the arms
	2000 and 2001. It should be appreciated that	having respective lower ends, the lower end of one of
	computed first roller 200 mon include one mimber of	the arms being connected to one of the side plates for
	roller segments without denarting from the scope of	pivotal movement about the generally horizontal,
	the present invention. A second roller 202 is	C01. 6:1-10.
	positioned forward of first roller 200. Second roller	Cloim & (relariont representative nortions).
	202 is coupled to a side plate 203 and generally	Cianni o (reievain representative portions).
	aligned with an outside edge of deck 201. A third	"one of the cross member ends being connected to

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		roller 204 is aligned laterally with second roller 202	one of the side plates of the associated deck assembly
		and positioned forward of first roller 200. Third roller	for pivotal movement about a generally horizontal,
		204 is coupled to a side plate 205 and generally	laterally-extending axis adjacent the forward ends of
		aligned with an outside edge of deck 201."	the side plates, and the other of the cross member
			ends being connected to the other of the side plates of
		'312 Patent col. 6, l. 66 - col. 7, l. 12: "Another	the associated deck assembly for pivotal movement
	-	cutting deck assembly is depicted at reference	about the generally horizontal" Col. 6:1-8.
		numeral 234 in FIG. 13. Cutting deck assembly 234	
		includes a plurality of separate rollers 236 aligned	Claim 12 (relevant representative portions):
		and rotatably mounted to axle 238. Axle 238 is	
		coupled to a first side plate 242 and a second side	A lawn mower as set forth in claim 12 wherein the
		plate 244. Accordingly, rollers 236 support the side	deck assembly also includes a first front wheel
		plates and a deck 245 for movement over the ground.	supporting one of the side plates for movement over
		In similar fashion and in reference to FIG. 14, a	the ground, a second front wheel supporting the other
		single one-piece unitary roller 246 may be	of the side plates for movement over the ground, and
		incorporated to support the side plates and deck."	a rear roller extending between the side plates and
		(21.) Botont col 7 II 14 20; "A c. chann in ETC 15	supporting the side plates for movement over the
		another embodiment 250 of a cutting deck assembly	ground, Col. 8:28-30.
		includes a pair of rear wheels 252 coupled to a pair of	121.) Defeut.
		side plates 254 and 256, respectively. Rear wheels	<u> </u>
		252 function to support side plates 254 and 256 along	Claim 19 (relevant representative nortions):
		with a mower deck 258 for movement over the	(company) J
		ground. Additionally, cutter deck assembly 250	"a pair of laterally-spaced, generally vertically
	-	includes a unitary, one-piece roller 260 extending	extending side plates having forward ends;
		between side plates 254 and 256 a distance less than	
		the entire width of deck 258."	a first front wheel supporting one of said side plates
		'312 Patent col. 7. II. 43-58: Another cutting deck	for movement over the ground;
		embodiment 290 is depicted in FIG. 19. Cutting deck	다 :
		assembly 290 includes a plurality of front caster	a second from wheel supporting the other of said side
		wheels 292 pivotally coupled to a arcuate cross	praires for movement over the ground,
		member 294 interconnecting a first side plate 296 and	a roller extending between said side plates supporting
		a second side plate 298. Each of front caster wheels	said side plates for movement over the ground,
	M	272 is predicting coupled to cross incliner 274 via a	wherein said deck is coupled to said side plates and

Defendant's Proposed Construction	located said dec changin side pla			Proposed Construction	Thin, flat pieces of metal laterally-spaced and generally vertically-extending from the rear roller to the front wheels.	Intrinsic Evidence	Specification	Summary of the Invention:	"Each of the front and rear deck assemblies includes a pair of laterally-spaced, generally vertically-extending side plates, front wheels supporting the cide plates for movement over the ground." Col
Plaintiff's Proposed Construction	caster pin 300 Cutting deck 290 also includes a pair of rear wheels 302 and a rear segmented roller assembly 304. Rear wheels 302 are pivotally coupled to each of the side plates 296 and 298. Each of the segments of segmented rear roller assembly 304 are rotatably coupled and aligned along an axle 306."	another cutting deck assembly 308 having a stepped and segmented rear roller assembly 310. Rear roller assembly 310. Rear roller assembly 310 includes a pair of outboard rollers 312 coupled to side plates 314 and 316. Rear roller assembly 310 also includes an inboard set of rollers 318 positioned between side plates 314 and 316 and rotatably mounted on a stepped axle shaft 320."	'312 Patent Figs. 2-9, and 11-24: Illustrating various embodiments of side plates.	Proposed Construction	The words in this phrase use their ordinary and accustomed meaning and require no construction by the Court. However, if the Court determines that	they do require construction, "rear roller extends between the side plates and supports the side plates for movement over the ground," means: "the ground."	roller extends between the side plates in such a way to support them for movement over the ground.	This limitation does not recite, and therefore does not	require, the ends of the rear roller to be connected directly to either of the side plates, and does not have any other unrecited limitations.
Claim Term				"rear roller	the side plates and supports the side plates for	movement over the ground"	'530 Patent: claim 4	'311 Patent:	'312 Patent: claim 19

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		Intrinsic Evidence	1:45-47.
		Patent Specifications:	Detailed Description of the Preferred
		'530 Patent col. 1, 11. 44-56: "Each of the front and	Embodiment:
		rear deck assemblies includes a pair of laterally-	"Two front wheels 50 rotate about an axle 54 (FIGS.
		spaced, generally vertically-extending side plates,	2 and 3) extending between the side plates 46 and 48
		none wheels supporting the side plates for movement	in front of the deck 38, such that each front wheel 50
		the side plates and supporting the side plates for	supports one of the side plates 46 and 48 and the deck
		movement over the ground, The roller extends	38 for movement over the ground. Col. 3:13-18.
		across substantially the entire width of the deck. The	"A rear roller 58 extends between the side plates 46
		roller resists scalping and stripes the grass, both of	and 48 and also supports the side plates 46 and 48
***********		which are aesthetically desirable."	and the deck 38 for movement over the ground." Col.
		'530 Patent col. 3. II. 16-21: "A rear roller 58 extends	3:17-19,
		Letternen the side aloter At and A0 and also granests	
		the side plates 46 and 48 and the deck 38 for	'312 Patent Specification:
		movement over the ground. The roller 58 is behind	"With reference to ETGS 0 and 10 each of the
		the deck 38 and extends across substantially the	municipation of 1005.7 and 10, caul of the
		entire width of the deck 38. The roller 58 resists	
		scalping and stripes the grass."	downwardly opening space. Deck 160 is supported
			hy a nair of laterally enaced generally vertically
		(530 Patent Figs. 2, 3 & 5: Showing a roller (58)	extending side plates 162 and 164. Two caster wheels
		attaclied to side plates (40, 40) by all axie	166 are pivotally coupled to a cross-arm 168
		(minimino):	extending between side plates 162 and 164, such that
		'312 Patent col. 5, II. 60-65: "A continuous, unitary	each caster wheel 166 supports one of the side plates
		roller 174 extends between side plates 162 and 164	162 and 164 and the deck 160 for movement over the
		and also supports side plates 162 and 164 and deck	ground." Col. 5:56.
		160 for movement over the ground. In this	"A accordingly mallow 226 mount the cide where
		embodiment, roller 174 is positioned behind deck	a dealt 245 for mariament arrest the arrange " Cal 7.2
		160 and extends substantially across the entire width	4 ueck 243 101 movement over the ground. Col. 7.3-5.
		of deck 100. Col. 3:00-03.	
		'312 Patent col. 6, ll. 20-33: "An alternate	"As shown in FIG. 15, another embodiment 250 of a

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#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		embodiment cutter deck assembly 198 is depicted in	cutting deck assembly includes a pair of rear wheels
		FIG. 11. A segmented first roller 200 is positioned	252 coupled to a pair of side plates 254 and 256,
		behind a deck 201 laterally extending a distance less	respectively. Rear wheels 252 function to support
		than the width of deck 201. Segmented roller 200	side plates 254 and 256 along with a mower deck 258
			for movement over the ground." Col. 7:13-18.
		200C and 200D A second roller 202 is positioned	
	*******	forward of first roller 200. Second roller 202 is	"Another cutting deck embodiment 290 is depicted in
		coupled to a side plate 203 and generally aligned with	FIG. 19. Cutting deck assembly 290 includes a
		an outside edge of deck 201. A third roller 204 is	plurality of front caster wheels 292 pivotally coupled
		aligned laterally with second roller 202 and	to a actuate cross member 294 interconnecting a first
		positioned forward of first roller 200. Third roller 204	side plate 296 and a second side plate 298." Col.
		is coupled to a side plate 205 and generally aligned	7:43-47.
		with an outside edge of deck 201."	
			"Rear wheels 302 are pivotally coupled to each of the
		'312 Patent col. 6, l. 66 - col. 7, l. 5: "Another cutting	side plates 296 and 298. Each of the segments of
		deck assembly is depicted at reference numeral 234	segmented rear roller assembly 304 are rotatably
		in FIG. 13. Cutting deck assembly 234 includes a	coupled and aligned along an axle 306." Col. 7:55-
		plurality of separate rollers 236 aligned and rotatably	58
		mounted to axle 238. Axle 238 is coupled to a first	
		side plate 242 and a second side plate 244.	"FIG. 20 depicts yet another cutting deck assembly
		Accordingly, rollers 236 support the side plates and a	308 having a stepped and segmented rear roller
		deck 245 for movement over the ground."	assembly 310. Rear roller assembly 310 includes a
			pair of outboard rollers 312 coupled to side plates
		'312 Patent col. 7, Il. 13-21: "As shown in FIG. 15,	314 and 316. Rear roller assembly 310 also includes
		another embodiment 250 of a cutting deck assembly	an inboard set of rollers 318 positioned between side
		includes a pair of rear wheels 252 coupled to a pair of	plates 314 and 316 and rotatably mounted on a
		side plates 254 and 256, respectively. Rear wheels	stepped axle shaft 320." Col. 7:59-65.
		252 function to support side plates 254 and 256 along	
		with a mower deck 258 for movement over the	Patent Claims:
		ground. Additionally, cutter deck assembly 250	
		includes a unitary, one-piece roller 260 extending	'530 Patent:
		between side plates 254 and 256 a distance less than	
		the entire width of deck 258."	Claim 4 (relevant representative portions):
		312 Patent col. 7, II. 53-58: "Cutting deck 290 also	"A lawn mower as set forth in claim 1 wherein each
		S	

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		includes a pair of rear wheels 302 and a rear	of the front and rear deck assemblies includes a pair
		segmented roller assembly 304. Rear wheels 302 are	of laterally-spaced, generally vertically-extending
		pivotally coupled to each of the side plates 290 and	side plates having forward ends, a first front wheel
		298. Each of the segments of segmented rear roller	supporting one of the side plates for movement over
		assembly 304 are rotatably coupled and aligned along an axle 306 "	the ground, and a second front wheel supporting the other of the side plates for movement over the
			ground, wherein the rear roller extends between the
		'312 Patent col. 7, 11. 59-67: "FIG. 20 depicts yet	side plates and supports the side plates for movement
		another cutting deck assembly 308 having a stepped	over the ground, wherein the associated deck is
		and segmented rear roller assembly 310. Rear roller	located between the side plates and in front of the
		assembly 310 includes a pair of outboard rollers 312	roller and is mounted on the side plates such that the
		coupled to side plates 314 and 316. Rear roller	height of the deck relative to the ground is adjustable
		assembly 310 also includes an inboard set of rollers	by changing the position of the deck relative to the
		518 positioned between side plates 514 and 516 and rotatably mounted on a stepped axle shaft 320. Rear	side plates. Col. 5:9-22.
		roller assembly 310 provides a striped pattern having	Claim 7 (relevant representative portions):
		a width greater than the width of a deck 322."	
		'312 Patent Figures 1-9 11-20 and 22-23: Showing	"one of the cross member ends being connected to
		various arrangements of rollers used with cutting	for niveral movement shout a generally beneautol
			tot privotal intercent acoust a generally inclidental,
			laterally-extending axis adjacent the forward ends of
•••••			the side plates, and the other of the cross member
			ends being connected to the other of the side plates of
			the associated deck assembly for pivotal movement
			about the generally horizontal, laterally-extending
*************			axis, the ends of the cross member having thereon
			respective downwardly extending arms, the arms
			having respective lower ends, the lower end of one of
			the arms being connected to one of the side plates for
			pivotal movement about the generally horizontal,
			Col. 6:1-16.
			Claim 8 (relevant representative portions):
***			"one of the cross member ends heing connected to
	100mm/111111111111111111111111111111111	THAT AND	אווי עו לווי איניין

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
			one of the side plates of the associated deck assembly for pivotal movement about a generally horizontal, laterally-extending axis adjacent the forward ends of the side plates, and the other of the cross member ends being connected to the other of the side plates of the associated deck assembly for pivotal movement about the generally horizontal" Col. 6:1-8.
•			Claim 12 (relevant representative portions):
			A lawn mower as set forth in claim 12 wherein the deck assembly also includes a first front wheel supporting one of the side plates for movement over the ground, a second front wheel supporting the other of the side plates for movement over the ground, and a rear roller extending between the side plates and supporting the side plates for movement over the ground, Col. 8:28-30.
·····			'312 Patent:
			Claim 19 (relevant representative portions):
			"a pair of laterally-spaced, generally vertically extending side plates having forward ends;
			a first front wheel supporting one of said side plates for movement over the ground;
			a second front wheel supporting the other of said side plates for movement over the ground;
			a roller extending between said side plates supporting said side plates for movement over the ground, wherein said deck is coupled to said side plates and

located in front of said roller such that the height of said deck relative to the ground is adjustable by changing the position of said deck relative to said side plates" Col. 9:38 - Col. 10:3.		y and Every rear deck assembly is located behind a gap ruction by defined by two adjacent front deck assemblies.	sck	neans: <u>rear</u> <u>Specifications:</u> <u>between</u>	Summary of the Invention:	"The lawn mower has single-spindle cutting decks	attached directly to the frame on which the operator rides, with a front row of two or more cutting decks	Ħ	n the frame, wheels." Col. 1:27-31. etween Description of the Drawings:		gap Description of the Preferred Embodiment:	wn mower comprises front and rear wn mower 10 further comprises front and rear found 30, respectively, of cutting deck assemblies 34. More particularly, in the illustrated
Plaintiff's Proposed Construction	Proposed Construction	The words in this phrase use their ordinary and accustomed meaning and require no construction by the Court. However, if the Court determines that	they do require construction, "each rear deck assembly being aligned with a respective gap	between adjacent front deck assemblies" means: <u>rear</u> deck assemblies are aligned with the gaps between	the front deck assemblies.	Intrinsic Evidence	Patent Specifications:	'530 Patent Abstract: "A gang-type rotary lawn mower including at least two side-by-side front	rotary cutting deck assemblies mounted on the frame, the front deck assemblies defining a gap between	adjacent from deck assemblies, and at least one rear rotary cutting deck assembly mounted on the frame behind the front deck assemblies, each rear deck	assembly being aligned with a respective gap between adjacent front deck assemblies"	(530 Patent col. 4, 1. 2 - col. 3, 1. 5; The lawn mower 10 further comprises front and rear rows 26 and 30,
Claim Term	10. "each rear deck	assembly being aligned with a respective gap			claim 1	claims 1 and 8	<u>'312 Patent:</u> claims 1 and 24					

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Pronosed Construction
	Claim Let in	2	Control of the contro
		assemblies 54.	Monte wifeels 14, and two rear cutting deck assemblies 34 behind the front wheels 14 and in front of the rear
		'530 Patent Fig. 1: showing rear cutting deck	wheels 16. As is known in the art, each rear deck
		assemblies (34) being located behind gaps between	assembly 34 is aligned with the gap between two
		adjacent front cutting deck assemblies (34).	adjacent front deck assemblies 34." Col. 2:64-Col.
		'312 Patent col. 5, Il. 15-22: "Lawn mower 150	3:3.
		preferably includes three side-by-side front cutting	'312 Patent Specification:
		deck assemblies 34 in front of the wheels 14 and two	
		rear cutting deck assemblies 152 positioned between	"Lawn mower 150 preferably includes three side-by-
		the front wheels 14 and in front of the rear wheels 16.	side front cutting deck assemblies 34 in front of the
		Each of the rear cutting deck assemblies 152 is	wheels 14 and two rear cutting deck assemblies 152
		positioned within the gap between two adjacent front	positioned between the front wheels 14 and in front
		deck assemblies 34."	of the rear wheels 16. Each of the rear cutting deck
		20 m m m m m m m m m m m m m m m m m m m	assemblies 152 is positioned within the gap between
		312 Patent col. 6, II. 34-62: "A rear cutting deck ascembly 708 is nocitioned within the gan between	two adjacent front deck assemblies 34." Col. 5:15-
		forward cutting assemblies 218. Rear cutting deck	22.
		assembly 228 is preferably laterally centered between	
		forward cutting deck assemblies 218 to assure that all	rath Claims:
		of the grass across the width of mower 212 is cut. In	'530 Patent:
		addition, forward cutting deck assemblies 218 are	
		spread apart a distance less than the cutting width of	Claims 1, 7, 8, and 17 (relevant representative
		rear cutting deck assembly 228 to further assure a complete width of cut when mower 212 is furning	portions):
***************************************		Rear cutting deck assembly 228 is aligned with rear	2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
		wheel 216 such that a first roller 230 and a second	each rear deck assembly being anglied with a respective gap between adjacent front deck
		roller 232 cooperate with rear wheel 216 to stripe the grass."	assemblies" Col. 4:56-58; Col. 5:52-54; Col. 6:31-
			33; 65-67.
		212 Patent Figs. 1, 7, 8, 12, 16-18: showing rear	'311 Patent:
		tetureen adiocent front cutting dealt accombline	
		Delweell adjacelle moli cutting deek assemones.	"at least two front rotary cutting deck assemblies
			mounted to said frame in front of said front wheels and in a side-hv-side relationshin wherein each of
	Manifold Manifold and Company of the	The state of the s	מווע ווו מ אוטי-טא-אוטי וטומנוטוואווען, איזוטיטווו טמטוו טי

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#	Claim Term	Plaintiff's Pronosed Construction	Defendant's Proposed Construction
			length." Col. 1:16-19.
		which are aesthetically desirable."	Summary of the Invention:
		530 Patent col. 3, II. 16-21: "A rear roller 58 extends between the side plates 46 and 48 and also supports the side plates 46 and 48 and the deck 38 for movement over the ground. The roller 58 is behind	The Summary of the Invention describes the invention as including a roller that resists scalping and stripes the grass.
		the deck 38 and extends across substantially the entire width of the deck 38. The roller 58 resists scalping and stripes the grass."	"The invention provides a gang-type rotary lawn mower suitable for cutting a golf course rough." Col. 1:23-24.
		4530 Patent Figs. 2, 3 & 5: Showing a roller (58) attached to side plates (46, 48) by an axle (unnumbered).	"The roller resists scalping and stripes the grass, both of which are aesthetically desirable." Col. 1:55-56.
		212 Patent col. 5, Il. 60-65: "A continuous, unitary roller 174 extends between side plates 162 and 164 and also supports side plates 162 and 164 and deck	"This construction enables the lawn mower to cut the undulating terrain of a golf course rough and to be controlled for close trimming." Col. 2:4-8.
		160 for movement over the ground. In this embodiment, roller 174 is positioned behind deck	Description of the Drawings:
		160 and extends substantially across the entire width of deck 160." Col. 5:60-65.	Figures 1-24 are incorporated herein by reference.
		'312 Patent col. 6, 11. 20-41: "An alternate	'312 Patent:
		embodiment cutter deck assembly 198 is depicted in FIG. 11. A segmented first roller 200 is positioned behind a deck 201 laterally extending a distance less	"A continuous, unitary roller 174 extends between side plates 162 and 164 and also supports side plates
		than the width of deck 201. Segmented roller 200 includes a plurality of roller segments 200A, 200B,	162 and 164 and deck 160 for movement over the ground. In this embodiment, roller 174 is positioned behind deck 160 and extends substantially across the
		200C and 200D A second roller 202 is positioned forward of first roller 200. Second roller 202 is	entire width of deck 160." Col. 5:60-65.
		coupled to a side plate 203 and generally aligned with an outside edge of deck 201. A third roller 204 is aligned laterally with second roller 202 and	"A segmented first roller 200 is positioned behind a deck 201 laterally extending a distance less than the width of deck 201. Segmented roller 200 includes a

#=	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		positioned forward of first roller 200. Third roller 204	plurality of roller segments 200A, 200B, 200C and
		is coupled to a side plate 205 and generally aligned	200D. It should be appreciated that segmented first
		with an outside edge of deck 201. First roller 200,	roller 200 may include any number of roller segments
		second roller 202 and third roller 204 are positioned	without departing from the scope of the present
		to define a substantially uninterrupted rolling path	invention. A second roller 202 is positioned forward
		206 to provide an aesthetically pleasing striping of	of first roller 200. Second roller 202 is coupled to a
		the grass. Second roller 202 and third roller 204 may	side plate 203 and generally aligned with an outside
			edge of deck 201. A third roller 204 is aligned
		overlaps first roller 200. Alternatively, an inner edge	laterally with second roller 202 and positioned
		208 of second roller 202 may be aligned with an	forward of first roller 200. Third roller 204 is coupled
		outer edge 210 of first roller 200 to provide the	to a side plate 205 and generally aligned with an
		substantially uninterrupted roller path."	outside edge of deck 201. First roller 200, second
			roller 202 and third roller 204 are positioned to define
		'312 Patent col. 6, 11, 42-53: "With reference to FIG.	a substantially uninterrupted rolling path 206 to
		12, a three-wheeled mower 212 includes two forward	provide an aesthetically pleasing striping of the grass.
		wheels 214 and one rear wheel 216. Two forward	Second roller 202 and third roller 204 may be sized
		cutting deck assemblies 218 are aligned with each of	such that a portion of each of these rollers overlaps
		the wheels 214 in the longitudinal (forward-rearward)	first roller 200. Alternatively, an inner edge 208 of
		direction of travel and laterally aligned with each	second roller 202 may be aligned with an outer edge
		other. Each of cutting deck assemblies 218 includes a	210 of first roller 200 to provide the substantially
		pair of segmented rollers 220 aligned along an axis of	uninterrupted roller path." Col. 6:20-42.
***************************************		rotation 222 and laterally spaced apart from one	
		another a predetermined distance 224. Each of the	"Each of cutting deck assemblies 218 includes a pair
		forward wheels 214 is aligned with the space	of segmented rollers 220 aligned along an axis of
		between rollers 220 such that the combination of	rotation 222 and laterally spaced apart from one
		rollers 220 and wheel 214 form a rolling path 226 to	another a predetermined distance 224. Each of the
		provide the striping effect."	forward wheels 214 is aligned with the space
			between rollers 220 such that the combination of
		'312 Patent col. 6, II. 62-65: "Rear cutting deck	rollers 220 and wheel 214 form a rolling path 226 to
		assembly 228 is aligned with rear wheel 216 such	provide the striping effect." Col. 6:47-53.
		that a first roller 230 and a second roller 232	
		cooperate with rear wheel 216 to stripe the grass."	"Rear cutting deck assembly 228 is aligned with rear
			wheel 210 such that a first roller 230 and a second
		assembly 734 includes a plurality of separate rollers	roller 232 cooperate with rear wheel 216 to stripe the
		assembly 274 includes a piniality of separate 1011613	grass, Col. C.CCo.

#	Claim Term	Plaintiff's Proposed Construction	Defendant's Proposed Construction
		236 aligned and rotatably mounted to axle 238. Axle	
		238 is coupled to a first side plate 242 and a second	"Another cutting deck assembly is depicted at
		side plate 244. Accordingly, rollers 236 support the	reference numeral 234 in FIG. 13. Cutting deck
		side plates and a deck 245 for movement over the	assembly 234 includes a plurality of separate rollers
		ground. Rollers 236 are preferably axially spaced	236 aligned and rotatably mounted to axle 238. Axle
		apart a predetermined distance along axle 238 to	238 is coupled to a first side plate 242 and a second
		provide an alternate striping effect. It should be	side plate 244. Accordingly, rollers 236 support the
		appreciated that rollers 236 are positioned such that	side plates and a deck 245 for movement over the
		they do not extend substantially across the entire	ground. Rollers 236 are preferably axially spaced
***************************************		width of a mower deck 245. In similar fashion and in	apart a predetermined distance along axle 238 to
		reference to FIG. 14, a single one-piece unitary roller	provide an alternate striping effect. It should be
		246 may be incorporated to support the side plates	appreciated that rollers 236 are positioned such that
		and deck. Roller 246 does not extend the entire width	they do not extend substantially across the entire
		of the mower deck."	width of a mower deck 245. In similar fashion and in
			reference to FIG. 14, a single one-piece unitary roller
		'312 Patent col. 7, Il. 19-22: "Additionally, cutter	246 may be incorporated to support the side plates
		deck assembly 250 includes a unitary, one-piece	and deck. Roller 246 does not extend the entire width
		roller 260 extending between side plates 254 and 256	of the mower deck." Col. 7:1-13.
		a distance less than the entire width of deck 258."	
			Patent Claims:
		312 Patent col. 7, Il. 23-33: "Referring to FIGS. 16-	
		18, each of the forward and rear cutting deck	'530 Patent:
		assemblies may be positioned relative to another in a	
		number of ways. Specifically, a forward cutting deck	Claim 1 (relevant representative portions):
		assembly 262 includes a roller 264 having an inboard	
		edge 266 which may be positioned in an overlapping	"a rear roller supporting the deck for movement over
		relationship with a rear cutting deck assembly 267	the ground, the deck having a width such that the
		having a roller 268 with an outboard edge 269. As	roller extends across substantially the entire width of
·		phantom line 270 represents, inboard edge 266 of	the deck." Col. 4:64-67.
		forward cutting deck assembly 262 overlaps outboard	
**		edge 269 of rear cutting deck assembly 267 to create	Claims 4 and 15 (relevant representative portions):
		the appearance of one continuous roller stripe."	
			"rear roller extends between the side plates and
		312 Patent col. /, II. 34-42: "Similarly, with	supports the side plates for movement over the
		reference to FIG. 17, an inboard edge 271 of a roller	ground," Col. 5:16-18; Col. 8:32-35.

Defendant's Proposed Construction	Prosect	۵	in '530 Patent:	ay be Paper 6, 11, 15.		ollers	also)2 are	and	oller Services	l along	ot t	pedd	s 312	•	llers 5 and	Rear	laving	V.: imilar	at		_
Plaintiff's Proposed Construction	272 may be longitudinally aligned with an outboard edge 274 of a roller 276. Accordingly, the cutting	deck positions depicted in the Figure provide a		FIG. 18, an inboard edge 278 of a roller 280 may be offset from an outboard edge 282 of a roller 284 as	depicted by phantom line 286. In this manner, an	interrupted stripe is formed in the grass as the rollers pass over."	'312 Patent col. 7, II. 53-58: "Cutting deck 290 also	includes a pair of rear wheels 302 and a rear segmented roller assembly 304. Rear wheels 302 are	prvotally coupled to each of the side plates 296 and	298. Each of the segments of segmented rear roller	assemony 504 are rotatably coupled and augued atong an axle 306."	312 Patent col. 7, Il. 59-67; "FIG. 20 depicts yet	another cutting deck assembly 308 having a stepped	and segmented real folier assembly 5.10. Kear folier assembly 310 includes a pair of outboard rollers 312	coupled to side plates 314 and 316. Rear roller	assembly 310 also includes an inboard set of rollers 318 positioned between side plates 314 and 316 and	rotatably mounted on a stepped axle shaft 320. Rear	roller assembly 310 provides a striped pattern having a width oreater than the width of a deck 322 "	siz Fatent col. 8, 11. 7-9: "FIG. 22 includes a "V" shaped offset, segmented roller assembly 328 similar	to the assembly shown in FIG. 20 and depicted at	reference numeral 310."	
# Claim Term																						_

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Claim Term Pla	Plaintiff's Proposed Construction	Defendant's Proposed Construction
various arrangement	angements of rollers used with cutting	
decks.		